

INTERNATIONAL SEARCH REPORT

Rec'd PCT/PTO 12 JUL 2004

International Application No
PCT/DK 03/00011

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F04B17/00 A61B5/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 F04B A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 688 582 A (WILLIAMS DANIEL L ET AL) 25 August 1987 (1987-08-25) column 4, line 19 -column 5, line 42 abstract; figure 9 ---	1-5
A	US 4 237 905 A (KELLER JAMES E ET AL) 9 December 1980 (1980-12-09) column 6, line 8 -column 7, line 12 ---	1-5
A	US 6 071 088 A (FACE SAMUEL A ET AL) 6 June 2000 (2000-06-06) column 9, line 7 - line 46 column 15, line 3 - line 20; figure 7 ---	1-5
X	-/-	6,7

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

30 April 2003

Date of mailing of the International search report

27.05.2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

ULRIKA WESTMAN/JA A

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK 03/00011

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 798 600 A (SAGER FRANK EVERETT ET AL) 25 August 1998 (1998-08-25) column 8, line 38 - line 56; figure 7 ---	1-5
X		6,7
A	US 6 164 933 A (MASAKI YASUFUMI ET AL) 26 December 2000 (2000-12-26) column 8, line 20 - line 38 abstract; figure 15 -----	1-7

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK W3/00011

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 4688582	A	25-08-1987	NONE		
US 4237905	A	09-12-1980	CA	1136751 A1	30-11-1982
			DK	325880 A	01-02-1981
			GB	2060881 A ,B	07-05-1981
			IT	1143097 B	22-10-1986
			JP	56028741 A	20-03-1981
US 6071088	A	06-06-2000	US	5816780 A	06-10-1998
			US	6042345 A	28-03-2000
			US	6074178 A	13-06-2000
US 5798600	A	25-08-1998	US	5761782 A	09-06-1998
			US	5892314 A	06-04-1999
			US	5889354 A	30-03-1999
US 6164933	A	26-12-2000	JP	11311184 A	09-11-1999
			JP	2000171320 A	23-06-2000
			DE	19918694 A1	04-11-1999
			DE	29924151 U1	11-04-2002